

TRAFFIC MAINTENANCE WORKER

PURPOSE: Contribute to safe roadways by performing maintenance and installation of public traffic control devices.

FUNCTIONAL AREAS: Under direction of the Traffic Operations Manager

1. Perform the installation, repair, and maintenance of traffic signs and other traffic control devices.
 - * A. Perform the painting and repair of signs and other traffic control devices.
 - * B. Make signs by hand or use of a computer-assisted-design (CAD) program.
 - * C. Properly place "no parking" signs, barricades, and other emergency traffic control devices.
 - * D. Perform the installation and repair of signs and posts, including cutting, burning, welding, hole digging, cement mixing, and foundation preparation.
 - * E. Operate required equipment, including boom truck, air compressor, drill press, grinder, and various hand, hydraulic, and power tools.
 - * F. Perform related wiring and mechanical tasks.
2. Perform installation, repair, and maintenance of parking meters.
 - * A. Perform maintenance and minor repairs to parking meters using special meter tools.
 - * B. Collect money from meters and make bank deposits.
 - * C. Perform repairs to damaged meter posts and installation of replacement posts and meters.
 - * D. Perform maintenance to meter posts, including painting and numbering.
 - * E. Operate hand, hydraulic, and power tools.
3. Perform street and crosswalk painting.
 - * A. Operate truck equipped with street painting supplies and equipment.
 - * B. Operate walk-behind street painting machines of all sizes.
 - * C. Operate and maintain the large-lane striping machine.
 - * D. Perform the painting of traffic lanes, crosswalks, curbs, and sign posts.
 - * E. Perform routine maintenance to painting machines, vehicles, and other equipment used in carrying out job tasks.
4. Perform related work.
 - * A. Set up traffic control devices for special events and for emergency situations as required.
 - * B. Maintain computer records related to work performed.
 - * C. Perform snow plowing and snow removal operations associated with streets, alleys, side walks, parking lots and ice rinks.

JOB REQUIREMENTS

Experience Requirements:

- † Two (2) years of experience in the installation and maintenance of traffic control devices, including the painting of traffic lanes, crosswalks, and curbs; or an equivalent combination of training and experience.

License Requirements:

- † A. Possession of a Minnesota Class "B" commercial driver's license or privilege by the date of appointment and thereafter.
- B. Possession of forklift certification.

Knowledge Requirements:

- † A. Knowledge of the tools, equipment, materials, and methods used in the repair and maintenance of traffic control devices and parking meters.
- † B. Knowledge of mechanics, masonry, wiring, welding, and burning as they apply to traffic maintenance work.
- † C. Basic knowledge of personal computer operation.
- D. Knowledge of applicable laws, regulations, and policies pertaining to traffic control devices, including working knowledge of the Manual on Uniform Traffic Control Devices.
- E. Knowledge of applicable safety regulations and procedures.
- † F. Knowledge of defensive driving procedures and Minnesota motor vehicle operation regulations.

Skill Requirements:

- A. Skill in the installation, maintenance, and repair of traffic control devices.
- B. Skill in operating street painting equipment in a safe and courteous manner.
- † C. Skill in performing mechanical repairs and related work using hand and power tools.

Ability Requirements

- † A. Mechanical ability.
- † B. Ability to interpret blueprints and schematics.
- C. Ability to use CAD software to make signs.
- † D. Ability to recognize safety hazards and to take appropriate precautions.
- E. Ability to enter data into computers.
- F. Ability to be bonded as needed for insurance purposes.
- † G. Ability, to establish and maintain effective working relationships with supervisors,

- coworkers, and the general public.
- † H. Ability to follow oral and written instructions.
- † I. Ability to work outside year round and in all weather conditions.
- † J. Ability to work at heights.
- † K. Ability to frequently walk, push, pull, reach, and stoop, and to occasionally kneel or crouch to perform work tasks.
- † L. Ability to frequently lift and carry boards, signs, sign posts and other supplies and equipment weighing up to 50 pounds.
- * Essential functions of the position
- † Job requirements necessary on the first day of employment

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